

## CLAIMS

What is claimed is:

- 5 1. A pointing device comprising:  
a housing;  
a displacement signal generator installed in the housing  
for generating displacement signals; and  
an input panel installed on the housing for inputting image  
10 data;  
wherein the image data inputted to the input panel will  
be transmitted to a computer to perform an  
identification process.
- 15 2. The pointing device of claim 1 being a mouse.
3. The pointing device of claim 2 wherein the displacement  
signal generator comprises a roller installed at bottom  
of the housing for generating displacement signals.
- 20 4. The pointing device of claim 1 wherein the displacement  
signal generator comprises a track ball installed at a top  
end of the housing for generating displacement signals.
- 25 5. The pointing device of claim 1 further comprising a button  
installed on the housing for generating button signals.